

Title (en)

Rf transceiver and modem comprising such a transceiver

Title (de)

HF-Sende-Empfangsgerät und Modem mit solch einem Send-Empfangsgerät

Title (fr)

Émetteur-récepteur RF et modem comprenant un tel émetteur-récepteur

Publication

EP 2355362 A3 20140402 (EN)

Application

EP 10157906 A 20100326

Priority

- EP 10152786 A 20100205
- EP 10157906 A 20100326

Abstract (en)

[origin: EP2355362A2] The invention provides a LTE compliant RF transceiver including at least one transmit path and at least two receive paths, and a modem comprising such a transceiver. A switching arrangement connected between both Tx PLL synthesizer and the at least one Tx path as well as Rx PLL synthesizer and at least two Rx paths allows the Tx PLL synthesizer to selectively being connected to the Rx side of the transceiver as well as the Rx PLL synthesizer to selectively being connected to the Tx side of the transceiver, thereby considerably increasing flexibility of the RF transceiver which enables both speed-up of handover procedures and power savings.

IPC 8 full level

H04B 1/40 (2006.01)

CPC (source: EP US)

H04B 1/40 (2013.01 - EP US)

Citation (search report)

- [XAY] US 2009135781 A1 20090528 - VAISANEN RISTO [FI], et al
- [YA] US 2007142080 A1 20070621 - TANAKA SATOSHI [JP], et al
- [YA] US 2006264195 A1 20061123 - BOOS ZDRAVKO [DE]
- [YA] US 2006211381 A1 20060921 - JENSEN HENRIK T [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 10157906 A 20100326; CN 201110037550 A 20110131; US 201113018465 A 20110201